

Part IV - Representation and Instructions
Section L - Instructions, Conditions, and Notices to Offerors

This Section L applies only to Phase I, Preliminary and Contract Design
This Section L shall not be included in the resultant contract

L.1. SOLICITATION PROVISIONS INCORPORATED BY REFERENCE

NOTICE: The following solicitation provisions are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
52.204-6	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER	APR 2008
52.211-6	BRAND NAME OR EQUAL	AUG 1999
52.211-7	ALTERNATIVES TO GOVERNMENT UNIQUE STANDARDS	NOV 1999
52.215-16	FACILITIES CAPITAL COST OF MONEY	JUN 2003
52.222-24	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE REVIEW	FEB 1999
52.232-13	NOTICE OF PROGRESS PAYMENTS	APR 1984
52.232-38	SUBMISSION OF EFT INFORMATION WITH OFFER	MAY 1999
52.250-2	SAFETY ACT COVERAGE NOT APPLICABLE	Feb 2009

**L.2 AVAILABILITY OF SPECIFICATIONS LISTED IN THE GSA INDEX OF
FEDERAL SPECIFICATIONS, STANDARDS AND COMMERCIAL ITEM
DESCRIPTIONS, FPMR PART 101-29 (FAR 52.211-1) (AUG 1998)**

(a) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to--

GSA Federal Supply Service
Specifications Section, Suite 8100
470 East L'Enfant Plaza, SW
Washington, DC 20407
Telephone (202) 619-8925
Facsimile (202) 619-8978.

(b) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (a) of this provision. Additional copies will be issued for a fee.

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L.3 AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM DESCRIPTIONS LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION INFORMATION SYSTEM (ASSIST) (FAR 52.211-2) (JAN 2006)

(a) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

- (1) ASSIST (<http://assist.daps.dla.mil>);
- (2) Quicksearch ((<http://assist.daps.dla.mil/quicksearch>);
- (3) ASSISTdocs.com (<http://assistdocs.com>)

(b) Documents not available from ASSIST may be ordered from the Department of Defense Single Stock Point (DoDSSP) by –

- (1) Using the ASSIST Shopping Wizard (<http://assist.daps.dla.mil/wizard>);
- (2) Phoning the DoDSSP Customer Service Desk (215) 697-2179, Monday – Friday 0730 to 1600EST; or
- (3) Ordering from DoDSSP, Building 4, Section D. 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-1462.

L.4 INSTRUCTIONS TO OFFERORS – COMPETITIVE ACQUISITION (FAR 52.215-1) (JAN 2004)

(a) *Definitions.* As used in this provision—

“Discussions” are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer’s discretion, result in the offeror being allowed to revise its proposal.

“In writing,” “writing,” or “written” means any worded or numbered expression that can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

“Proposal modification” is a change made to a proposal before the solicitation’s closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

“Proposal revision” is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

“Time,” if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

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(b) *Amendments to solicitations.* If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals.

(1) Unless other methods (*e.g.*, electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show—

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and—

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(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at [52.215-5](#), Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR [52.225-17](#), Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

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(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) *Offer expiration date.* Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) *Restriction on disclosure and use of data.* Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall—

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of—or in connection with—the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [*insert numbers or other identification of sheets*]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award.

(1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR [15.306\(a\)](#)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of

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proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

(i) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.

(ii) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.

(iii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.

(iv) A summary of the rationale for award.

(v) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

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(vi) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of provision)

L.5 TYPE OF CONTRACT (FAR 52.216-1) (APR 1984)

The Government contemplates award of a fixed price type of contract resulting from this solicitation.

L.6 SERVICE OF PROTEST (FAR 52.233-2) (SEP 2006)

a. Protests, as defined in Section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:

U. S. Coast Guard Headquarters
1900 Half Street, SW
Room 11-1001
Washington, DC 20593-0001

Mailing Address:

Commandant (CG-9125)
U. S. Coast Guard
2100 Second Street, SW
Washington, DC 20593-0001

b. The copy of any protest shall be received in the office designated within one day of filing a protest with the GAO.

**L.7 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE
(FAR 52.252-1) (FEB 1998)**

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The Offeror is cautioned that the listed provisions may include blocks that must be completed by the Offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the Offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/>

L.8 ACCESS TO USCG HEADQUARTERS BUILDING

The USCG Headquarters building, 1900 Half Street, SW. Washington, DC, is a controlled access building. If you intend to hand carry your proposal, prior arrangements for access must be made by contacting the Contracting Officer at least two work day prior to the date you require access. It is your responsibility to ensure that proposals are delivered by the due date and time required in the solicitation.

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L.9 NOTICE OF PREAWARD SURVEY

a. Offerors are advised that the Coast Guard may contact potential contractors to ascertain their capabilities to perform the work specified in this solicitation. In addition to financial statements and credit rating checks, the Coast Guard may visit a prospective contractor's facility(s). Areas of interest on this survey may include, but are not limited to the following:

1. performance plans
2. quality assurance and control plans
3. personal recruitment and training plans
4. workload factors for manpower utilization
5. management plan for handling peak workloads
6. production capability
 - i. plant facilities, equipment, and labor resources
 - ii. purchasing and subcontracting
 - iii. performance record and ability to meet delivery schedules

b. Offerors are advised that accomplishment of this survey is a part of the evaluation process and is not to be construed as an indication that an Offeror will receive or is in the best position to receive the resultant award.

L.10 RFP CLARIFICATIONS AND AMENDMENTS

a. In order to provide any necessary clarifications to this RFP, questions may be submitted to the Coast Guard via the internet. Questions should be submitted to the following email address: offshore.patrol@uscg.mil

b. The cutoff date for questions is 30 days prior to the proposal due date. The Coast Guard cannot guarantee that questions received after the cutoff date will be answered before the proposals are due.

c. Amendments will be released on the Federal Business Opportunity (<http://www.fbo.gov>) web site on an as needed basis. If warranted, an amendment will be issued Wednesday of each week.

d. Answers to questions will be provided via Solicitation Amendments unless doing so would violate the provisions of FAR 15.201(f), in which case answers will be provided to the individual via email. Individuals/Offerors who believe the answer to a question should not be released to the public under the provisions of FAR 15.201(f) shall draw the Contracting Officer's attention to this fact by marking the question as proprietary. Whenever possible, the Contracting Officer will reshape the questions received to allow a response to all Offerors without incorporating information that reveals potential Offerors' confidential business strategy and is protected under Federal Acquisition Regulations (FAR) 3.104 or Subpart 24.2.

e. There is only one RFP for this two phase acquisition; there will not be a second Q&A

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period for the Phase II proposals. Offerors are encouraged to seek clarification of any potential ambiguities in either the Phase I or the Phase II proposal preparation and evaluation process.

L.11 PROPOSAL DUE DATE

a. Offerors shall provide the required number of copies of the proposal as set forth below. The proposal must be received by the Contracting Officer, in room 11-1001 of the Jemal Building, Coast Guard Headquarters, prior to 3:00 PM on January 10, 2013. An Offeror that fails to meet the proposal due date will be considered "late" in accordance with FAR clause "Instructions to Offerors – Competitive" (52.215-1) incorporated by reference in Section L.

b. Offerors are strongly discouraged from submitting proposals using the US Postal Service due to extensive delays and possible damage associated with security requirements involving irradiation of all incoming mail.

L.12 USE OF CONTRACTOR ADVISORY AND ASSISTANCE SERVICES TO REVIEW PROPOSALS.

a. Offerors are advised that the Government may use contractor advisory and assistance services to review proposals and provide support during the source selection process. When appropriate, advisors may have access to Offerors' proposals, and may be utilized to objectively review a proposal in a particular functional area and provide comments and recommendations to the source selection evaluation board members and other Government personnel involved in the source selection process. They may not establish final assessments of risk, nor rate or rank Offerors' proposals. Contractor support/advisory personnel are subject to criminal and civil penalties under the Procurement Integrity Act for unauthorized release of contractor bid or proposal information and will be required to sign Non-Disclosure Statements. The Government shall take into consideration requirements for avoiding conflicts of interest and ensure advisors comply with safeguarding contractor bid or proposal information and source selection information. Submission of a proposal in response to this solicitation constitutes approval to release the proposal to Contractor support/advisory personnel for the purposes stated herein.

L.13 GENERAL PROPOSAL INSTRUCTIONS

a. Prior to submission of proposals, Offerors are expected to reach a complete understanding of the requirements of this solicitation by careful study of the RFP and by application of qualified knowledge and experience.

b. Information provided to the Coast Guard in advance of the issuance of this solicitation will not be used in the evaluation unless explicitly included in an Offeror's oral presentation or written submission.

c. These instructions prescribe the format of proposals and describe the approach to be used in the development and presentation of proposal information. Proposals must be prepared in accordance with these instructions, providing all required information in the format specified. Failure of a proposal to comply with these instructions may be grounds for exclusion of the proposal from further consideration.

d. Each Offeror shall base his proposal on a design of sufficient detail to estimate weight,

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powering and cost of the ship and provide sufficient detail to demonstrate the capability to meet all the performance requirements. Proposals shall fully address the Offeror's design, their capability and resources for performing the design and construction, and their applicable experience. Each Offeror's proposal in response to this solicitation shall consist of a Technical, Management, Past Performance/Small Disadvantaged Business and Price Volumes.

e. The written proposal submitted in response to this solicitation shall consist of five separate volumes:

VOLUME	REFERENCE	COPIES	PAGE LIMITS
Technical	L.15	6	250
Management	L.16	6	75
Past Performance & SDB	L.17	6	None
Price Proposal	L.18	6	None
Administrative Documentation	L.19	3	None

* Does not include the executive summary or table of contents.

The various volumes shall be submitted no later than the date and time specified in section L.14 of this RFP. The Government reserves the right to incorporate into the resulting contract, in whole or in part, any information submitted in the Offeror's written proposal.

f. One complete set of the proposal shall be clearly marked "ORIGINAL" on the outside of the binders and on the interior title pages. In the case of discrepancies between various copies, the proposal marked "ORIGINAL" shall take precedence.

g. Pages shall be individually and sequentially numbered (i.e. 8 of 100).

h. The following format requirements apply:

- The proposal volumes shall be presented in separate, standard 3-ring loose leaf binders. Binders shall not exceed 3 inches in thickness. Each binder shall be labeled with the title of the volume, the Offeror's company name and have a table of contents with corresponding divider tabs. The pages are to be on 8.5 by 11 inch white bond paper with no less than 1 inch margins; type no smaller than 12 font and 6 lines per inch; single spaced with double spacing between paragraphs; and single sided.
- All Price Proposals shall be submitted in a hard copy format and in a format readable by Microsoft Excel in electronic format on Compact Disc-Read Only Memory (CD-ROM) in the quantities shown (equal number of paper/hard and electronic). Note: the Coast Guard Headquarters Standard Workstation Image does not have the AutoExec capability of a CD-ROM enabled, therefore, if the CD-ROM takes advantage of this feature, include on the label the path of the file to initially open.
- Except as noted above, only paper copies of the proposal shall be accepted; computer models, simulations, etc. will not be accepted.
- No price or cost data shall be included in the Technical or Management Proposal.
- Foldouts for drawings, charts and schedules no larger than 24 by 11 inch paper are

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permitted and shall count as one page but must be no larger than 8.5 by 11 inches when folded.

- Each drawing shall bear the name of the Offeror, the drawing title and a unique drawing number in the lower right hand corner.
- Only printed copies of drawings shall be submitted. Prints shall be uniform blue or black on a white, mottle free background. Prints shall be folded to a maximum 11 inch by 9 inch rectangle with the title and drawing number exposed in the lower right hand corner.
- All data shall be presented using English units.
- The CD-ROM copy of each proposal volume shall be formatted the same as the paper/hard-copy, with appropriate folders/directories corresponding to each divider tab. Each CD-ROM shall be labeled on the disc and on the jewel case or protective cover to include: the Offeror's Name; the solicitation name and number and, as applicable, the volume, set number, disk number and number of disks in set (e.g., Price Volume – Set One - Disk 1 of 2).
- All electronic submissions shall be source files 100% operable/compatible with and in native formats for one of the following software: Microsoft Office, AutoCAD® Version 2005. When creating electronic copies of licenses, certificates, and documents containing a signature or hand written data, the image shall be recorded into “.PDF” format compatible with Adobe Acrobat 6.0.
- Electronic links to on-line data via the World Wide Web are not acceptable as the data is subject to alteration after the date of submittal. Such electronic material must be copied and pasted into a document that can be saved as a complete file in and of itself.
- Redacted Copy. The contractor shall prepare a version of the proposal that is releasable under the Freedom of Information Act (FOIA). This version shall be submitted as the Redacted Copy volume and have all proprietary information either removed or blanked out. The electronic submission may consist of scanned pages in .pdf format.

L.14 PERIOD FOR ACCEPTANCE OF OFFERS

- a. The period for acceptance of offers shall be at a minimum 225 days from the Price proposal due date.

L.15 TECHNICAL INSTRUCTIONS

- a. The Technical volume shall include, as a minimum, the sections described below:

CONCEPT DESIGN

- a. The Offeror shall provide an OPC Concept Design consisting of a Design Narrative and a proof-of-concept representation of the Concept Design Elements listed below. The Concept Design shall demonstrate the design is sound and provides a basis for the development of a

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Preliminary and Contract Design that will meet or exceed the OPC System Specification. The Offeror shall provide the following:

(1) Design Narrative:

- Executive Summary - The Offeror shall discuss the overall strategy, methods and resources used to develop the proposal Concept Design. The Offeror shall include a completed Concept Design Placemat (Section J, attachment TBD). The placemat shall be a single page, single-side sheet no greater than 11x17 inches.
- Concept Design Development - The Offeror shall provide a narrative of the design. The Offeror shall discuss the suitability of the Concept Design as a basis for design maturity during preliminary and contract design. The Offeror shall identify any characteristics or features which provide unique benefit to the government. Discuss the following elements of the design:
 - Concept Design Tools – Discuss the use of any design tools, methods or approaches to establishing the Concept Design.
 - Design Size - Address processes, decisions, and tradeoffs conducted including use of any design tools or parent hull for sizing the design (i.e. hull form, space and weight). Describe the method or methods used in developing the concept design weight & CG estimate. Include discussion of the Offeror's Phase I proposed margins for Preliminary and Contract Design providing supporting data and tracking of the Design and Construction, Service Life and Performance Margins.
 - Primary Structure - Discuss meeting load requirements for OPC environmental conditions, service life, and fatigue life. Discuss the structural arrangements including maintaining structural continuity. Discuss material selection for the superstructure.
 - Propulsion System - Describe the Offeror's propulsion system including candidates for OPC's major components and configuration of the propulsion system.
 - Electric Plant - Describe the conceptual electric plant configuration and discuss how the concept design meets or exceeds the power generation and distribution requirements of the OPC system specification.
 - Intact Stability - Discuss the capability of the Concept Design to meet the intact stability requirements of OPC System Specification.
 - Seakeeping Analysis - Discuss Concept Design's predicted seakeeping characteristics and performance to meet the requirements of OPC System Specification. Include discussion of any available full-scale or model seakeeping data to support the seakeeping analysis.
 - General Arrangements, Inboard and Outboard Profile - Discuss the important design features of the Concept Design. Include in discussion considerations which enhance or impact mission effectiveness and maintenance. Describe the method used in developing the Arrangements addressing the adequacy of area and volume to meet or exceed the OPC requirements. Include discussion of the Offeror's

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Phase I proposed margins for Preliminary and Contract Design margins. Describe how the Concept Design's topside arrangement meets or exceeds the OPC Systems Specification.

- Speed, Range, and Endurance – Discuss how the Concept Design demonstrates clear understanding of the speed, range and endurance requirements of the OPC System Specification. Describe the operational concept of the propulsion plant for a law enforcement boarding scenario, requiring transition from full speed to continuous low speed, supporting close aboard escorting and boat operations.
- Technical Risk Assessment – Discuss Preliminary and Contract Design development risks.

(2) Mission Effectiveness: The Offeror shall provide a narrative demonstrating the capability of the Concept Design to meet those OPC System Specifications which impact mission effectiveness. Address the following:

- Cutter Boat Operations – Discuss how the Concept Design meets or exceeds the requirements of the OPC System Specification to launch, recover and maintain cutter boats.
- Aviation Operations – Discuss how the Concept Design meets or exceeds the requirements of the OPC System Specification to launch, recover and maintain a helicopter and to accommodate an Unmanned Aircraft System.
- AMIO Handling – Describe how the Concept Design meets or exceeds the requirements of the OPC System Specification.

(3) Concept Design Elements: The Offeror shall provide Concept Design Elements to include drawings, calculations and analyses, demonstrating the design is sound, providing a balanced design, i.e. internally consistent, accurate and feasible, that meets or exceeds the OPC System Specification. Provide the following:

- Hull Form Drawing – Include Hull Form features and appendages such as stern-wedge/flap, bulb, bilge keel, rudder, etc. The Offeror shall provide an electronic data file for the Hull Form Table of Offsets and the hull lines in AutoCad version 2010.
- Area and Volume Report – Provide an Area and Volume report to demonstrate the areas and volumes provided by the General Arrangements is sufficient to meet the OPC requirements. Provide an electronic data file of the Area and Volume Report in Microsoft Excel.
- General Arrangements, Inboard and Outboard Profile. The General Arrangement and Profiles shall at a minimum depict the following elements:
 - AMIO (Location of water-to-cutter embarkation and path(s) to holding areas)
 - Major Antennas and Sensors (Symbolic representations)
 - Boats and Boat Davits (Outline only)
 - Bulkheads and Compartment Names Identify structural bulkheads))
 - Deck, Level and Platform heights (dimensions)
 - Doors (Passageways only) & Arches

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- Helicopter and UAS (Outline in hangared location)
- Helicopter Landing Areas
- Ladders, Inclined & Vertical (Symbolic representation (PLAN & INBD))
- Longitudinal Coordinates "LC" (A tick mark for each LC with every tenth LC labeled)
- Masts and Spars (Basic only for location and size)
- Propeller (Centerline or symbolic representation)
- Replenishment Stations FAS (Centerline and clearance angles only on a plain view)
- Rudder (Hidden line or symbolic representation)
- Weapons (Show centerline & working circle only, with label as to Type of weapon Symbolically on outboard view)
- Stability Analysis - Include:
 - Calculations for intact stability at Minimum Operational condition and full load (EOSL) condition.
 - Hydrostatic Table.
 - Floodable length curve for full load (EOSL) condition.
 - Curves of Maximum Allowable KG versus Displacement, at Minimum Operational condition and full load (EOSL) condition.
 - The Offeror shall provide SHCP input files in electronic data file used for the stability analysis.
- Seakeeping Analysis - The Offeror shall provide a Seakeeping Analysis demonstrating the design meets or exceeds the limiting motion criteria and mission operability of the OPC System Specification for Transit and Patrol, Helicopter Operations and Small Boat Operations in the required operating environment. The Seakeeping analysis shall:
 - Demonstrate the design meets or exceeds the ship transit and patrol motion criteria for Roll and Pitch and acceleration limits at the following locations; Pilot House, Engineering Control Center, Operations Center.
 - Demonstrate the design meets or exceeds the Deck Wetness criteria. Deck Wetness per hour shall be calculated at the transom, fantail, flight deck, boat davits, accommodation ladder, fwd gun, pilot house and forecastle and reported in tabular format.
 - Demonstrate the design meets or exceeds the Slamming criteria. Slamming shall be calculated at the keel at a location that is 15 percent of ship length aft of the Forward Perpendicular.
 - Demonstrate the design meets or exceeds the Roll and Pitch criteria and vertical velocity limits at the helicopter landing zone.
 - Demonstrate the design meets or exceeds the Roll and Pitch criteria and vertical and Transverse Acceleration criteria at the Boat Stations.
 - Demonstrate via Percent Time Operable (PTO) polar plots compliance with the seakeeping requirements of the operability matrix. Polar plot data shall be for 360° in wave heading increments no greater than 15° and from minimum steerage

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speed to full power or highest speed for operation in increments no greater than 4 knots.

- Conduct seakeeping analysis using strip theory, frequency domain analytical software.
- Identify any available full-scale or model seakeeping data which validates the seakeeping analysis.
- Calculation of GM to Beam and KG to Beam ratios at full load displacement.
- Calculation of natural roll period at full load condition, including assumptions and calculations for radius of gyration.
- Provide any assumed active or passive roll or pitch damping devices and their impact upon damping motions.
- Speed and Power Analysis and Calculations - Include:
 - Identify sources used in deriving the propulsive coefficients.
 - Provide Calm Water Powering calculations and graphical presentation of the results for sustained speed.
- Weight and CG Estimate - The concept design weight and center of gravity (CG) estimate shall be provided in accordance with the Society of Allied Weight Engineers, Recommended Practice No.12 and No.14. The Offeror shall provide an electronic data file of the Weight Estimate in Microsoft Excel.
- Range - Calculations in accordance with the OPC System Specification and assumptions for determining the design meets or exceeds the operating range at 14 knots. Include calculation of fuel capacity and the amount of aviation fuel used in the range calculation.

DESIGN APPROACH

- (1) The Offeror shall provide a narrative that fully demonstrates an understanding of the technical effort and provides a sound approach to develop a design that complies with the OPC System Specification.
- (2) The Offeror shall describe the approach to developing and documenting the Preliminary Design (PD) and maturing the PD into a Contract Design (CD). The approach shall include:
 - Discuss the development, optimization, and balancing of design elements such as hull form, structures, functional arrangements, topside arrangements, machinery plant and electrical plant configuration, C4ISR systems, machinery control systems, deck systems, distributive systems, weapons and decoy systems, and maintenance considerations.
 - Discuss the incorporation of GFE and GFI.
 - Discuss the incorporation of Integrated Logistics Support, Human Systems Integration/Human Factors Engineering, and System Safety.
 - Discuss how the approach provides a mission effective solution at the end of Contract Design.

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- Discuss the interaction between the design team and shipyard disciplines to incorporate producability in the PD/CD design approach with consideration for the makeup of the design team whether an external design agent, an in-house design organization or combination of both.

(3) The Offeror shall describe the Systems Engineering processes for design implementation, design verification, requirements traceability, interface development, and configuration management.

(4) The Offer shall describe the System Engineering process for monitoring and controlling weight growth and margin consumption throughout the design process.

L.16 MANAGEMENT INSTRUCTIONS

a. The Management volume shall include, at a minimum, the sections described below:

ORGANIZATIONAL MANAGEMENT

(1) The Offeror shall provide a discussion of its management approach for the OPC. The discussion at a minimum shall include the following topics for Phase 1 and Phase 2:

a) Teaming Management. The Offeror shall explain any planned teaming arrangements. In the explanation, include a discussion of risk sharing and planned co-locations of organizations.

b) Subcontractor Management. The Offer shall explain how they intend to manage subcontractors. In the explanation, include a discussion of risk sharing, planned co-locations of organizations and the Offeror's relationship with ABS.

c) The explanation shall include how the Offeror intends to manage continuity of the design effort (including transition between Phase 1 and Phase 2).

d) The Offeror shall explain how suitably qualified and experienced management personnel will be provided and maintained throughout Phase 1 and Phase 2. To support the explanation, the Offeror shall provide an organization chart(s) for each Phase.

i) The Offeror's organization chart(s) shall depict critical functional management areas, identifying the lead persons by individual name. The organization chart(s) shall also address Design Agents, C4ISR Systems, Integrated Bridge Systems, Machinery Control Systems, and

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Systems Integrator(s) (as applicable). If a subcontractor is providing management of a major system, the subcontractor shall be included in the organization chart(s) by company and individual name.

(2) The Offeror shall provide a discussion of how their management approach and processes will identify and manage schedule risks from Phase 1 award to lead hull delivery. The Offeror shall provide a master schedule to accompany the risk discussion. The master schedule shall be one page and no larger than 18"-by-24".

PRODUCTION CAPABILITY

(1) The Offeror shall provide two (02) plats. The first plat shall depict the Offerors current build and construction facilities, major equipment, and worksites, to include water depth for all piers and launch areas. The second plat shall depict the Offeror's current and planned build and construction facilities, major equipment, and worksites at the time of planned award of the third OPC. All plats shall be accompanied by a legend identifying buildings and their functions. One sheet per plat is allowed. Each sheet shall be legible and no larger than 18"-by-24".

- a) The second plat shall include OPC work and other planned or customer projected future work (vessels and modules) which shall be represented on the plat through footprints. Changes to facilities, major equipment, and property boundaries shall be clearly identified. If major elements of OPC construction are anticipated to occur at different geographic locations, a plat for each geographic location shall be provided.

(2) The Offeror shall provide a schedule (Gantt chart) describing key events required to modify and build the construction facilities and major equipment to accommodate the OPC construction start through planned delivery of OPC nine. One sheet for the Gantt chart is allowed. The Gantt chart shall be no larger than 18"-by-24". A written summary to explain the schedule shall be included.

(3) The Offeror shall provide a discussion of the risks to achieving production capabilities, including any environmental impacts and financial resource requirements, associated with construction facilities, facility modifications, and major equipment changes. The discussion shall include any planned mitigation actions.

(4) The Offeror shall describe the workforce capability and capacity (numbers, trades, certifications, and experience level) required to design and construct OPC through planned delivery of OPC nine.

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(5) The Offeror shall provide an explanation of how the required workforce for OPC differs from their current workforce and how the Offeror intends to address any workforce capability gaps from current capabilities and capacity (numbers, trades, certifications, and experience level) taking into account customer projected future work.

(6) The Offeror shall provide a discussion of the risks associated with the Offeror's workforce management approach to ensure workforce capabilities and capacity comprising of the proper numbers, trades, certifications, and experience level are available for OPC design and construction and discuss any planned mitigation actions.

(7) If major elements of OPC hull and structure construction are expected to be accomplished by subcontractors, the Offeror shall provide information as required by (4), (5), and (6) for each subcontractor.

L.17 PAST PERFORMANCE INSTRUCTIONS

The Offeror shall submit examples of past performance for government consideration. Past performance submissions shall consist of narrative past performance descriptions submitted by the Offerors as well as review of past performance questionnaires submitted by past customers. The government may also evaluate data from other sources both in and outside the Government, regarding an Offeror's (or the Offeror's proposed Design Agent(s)) past performance. The Government intends to review Federal Past Performance Information Retrieval System (PPIRS) ratings and other existing performance ratings on relevant contracts. The Government reserves the right to verify statements and representations made in an Offeror's proposal. An Offeror without a record of relevant past performance will be given a "Neutral" rating on the Past Performance factor.

Past Performance Questionnaire

The Offeror shall submit past performance information for up to five (5) similar (size, scope, and complexity) contracts in which it has participated during the past five years.

Offerors are responsible for the timely submission of each Past Performance Questionnaire (PPQ) (as provided in Appendix XXX). To receive consideration, all PPQ's must be submitted by past customers and received by the Contracting Officer prior to the proposal due date. The government strongly encourages each PPQ be submitted via email at Carl.E.McGill@uscg.mil. In the event that the past customer cannot submit the PPQ via email, it must be mailed to the address below.

Mailing Address:

COMMANDANT (CG-9125)

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ATTN Carl McGill, Contracting Officer

US COAST GUARD

2100 2ND ST SW STOP 7112

WASHINGTON DC 20593-7112

Past Performance Narrative

For each past performance questionnaire submitted, the Offeror shall also submit descriptive narratives summarizing relevancy to the OPC solicitation. Offerors shall include an image of the vessel for each past performance submission. Images shall not exceed 3 in. by 5 in. and shall be displayed at the top, center of the narrative document. Narratives shall describe past performance of the Offeror and its Design Agents. Determination of relevancy will be based on past performance project characteristics similar to the OPC solicitation. At a minimum, those characteristics shall include:

- Dimensions (Length (ft), Beam (ft), Design Draft (ft), Displacement (LT))
- Performance (Speed (kts), Horse Power, Range (nm @ kts), Endurance (days w/ crew #))
- Propulsion Plant
- Electrical Plant
- Hull/Structure Materials
- Boat Launch & Recovery
- C4ISR/Electronic Systems

Summarized past performance submissions should describe how the Offeror achieved success or addressed challenges under each of the four past performance sub-factors (see Section M). Past performance may include experience also described as part of the Management and Technical Volumes. In the event that the Offeror lacks relevant past performance, it shall submit relevant past performance information for its Design Agent(s). In no case shall the Offeror submit more than five total past performance examples. Each past performance narrative submission shall be limited to two pages.

Offerors are responsible for the timely submission of each Past Performance Narrative. To receive consideration, all narratives must be submitted by the Offeror and received by the Contracting Officer prior to the proposal due date.

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Offerors are encouraged to provide information on problems it encountered on the referenced contracts and the corrective actions taken to resolve those problems.

L.18 SMALL DISADVANTAGED BUSINESS INSTRUCTIONS

Section I clause entitled “Small Business Subcontracting Plan” requires the Offeror to submit a Subcontracting Plan addressing small business utilization in accordance with FAR 19.704. In the subcontracting plan, Offerors shall also address separate goals, expressed in dollars and percentages of total contract value for SDB participation, including joint venture partners, and team members and a total target for SDB participation by subcontractors.

The subcontracting plan shall be submitted by the Offeror using Standard Form (SF) DD 294, SUBCONTRACTING REPORT FOR INDIVIDUAL CONTRACTS. The subcontracting plan shall be submitted as an Addendum to the Past Performance Volume on or before the due date set by the Government for Final Proposal Revisions.

No changes to an Offeror’s existing subcontracting plan will be permitted except to the extent an Offeror’s strategy for utilization of SDB concerns alters the Offerors Subcontracting Plan.

L.19 PRICE PROPOSAL INSTRUCTIONS

NOTICE: TECHNICAL PROPOSAL NARRATIVE IS NOT ALLOWED IN THIS PRICE VOLUME.

a. Price Proposal Content:

1. The Offeror shall submit a price proposal for Phase I, limited to pricing information related to CLIN 0001. The price shall be in fiscal year 2013 dollars.
2. Offerors shall make an affirmative statement as to whether its accounting system has been determined to be adequate by the Defense Contract Audit Agency. If it has been determined adequate, they shall provide a point of contact of their cognizant DCAA Office.

L.18 ADMINISTRATIVE DOCUMENTATION INSTRUCTIONS

- a. Include the following data in this volume in the format as indicated. Include with the Original the executed copy of the RFP.
 - (1) Section 1. Proposal forwarding letter, if any. The offeror shall complete and include the following solicitation sections:
 - (a) Part I, Section A (SF33). If amendment(s) to the solicitation are issued, include a signed copy of each amendment (SF30)
 - (b) Part I, Section A (SF33). Insert the DUNS number required by FAR clause 52.204-6.

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- (d) Part I, Section G. Complete the section with the responsible official, title and address. who can receive notice of an improper invoice.
 - (g) Part II, Section I. Provide the information required by Section I clause entitled "Disclosure of Conflicts of Interest".
 - (h) Part IV, Section K
- (2) Section 2. Titles, addresses and telephone numbers of cognizant Government Contract Administration and Defense Contract Audit Agency offices.
- (3) Section 3. Include the Subcontracting Plan required by FAR clause 52.219-9.
- (4) Section 4. The Offeror shall provide a copy of their most recent annual financial statement and a copy of their most recent quarterly (or other partial year) financial statement. The Offeror shall provide information deemed relevant to their proposal to demonstrate their ability to perform the requirements from a financial point of view.
- (5) Section 5. Any information, excluding cost, which does not properly belong within the other proposal volumes. Include in this section information required by the RFP for which there is insufficient space in the requiring clauses or certifications. Include any restrictions or instructions for handling proprietary data.